

GEOMETRY, ART, & NATURE

February 2017's Project Based Learning math experience explored geometric concepts reflected in our natural and man-made environments. Students were grouped into three ability-based small groups for hands-on projects that included creating symmetrical self portraits, making 3-D maps of our neighborhood to explore area and perimeter, and building wooden polygon garden beds to conceptualize volume with real-life application. The students took inspiration from Highland Mather's gigantic mural on the exterior wall of the Foosaner Education Center (go check it out!) and their geometry scavenger hunts through EGAD. The projects were developed and facilitated by our core educators in conjunction with our math specialist, Dr. Dave, a mathematics professor at the Florida Institute of Technology

